

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
6 January 2005 (06.01.2005)

PCT

(10) International Publication Number  
**WO 2005/000747 A2**

(51) International Patent Classification<sup>7</sup>: **C02F 5/00**, 5/14

(21) International Application Number:

PCT/EP2004/006977

(22) International Filing Date: 25 June 2004 (25.06.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/482,271 25 June 2003 (25.06.2003) US

60/482,257 25 June 2003 (25.06.2003) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TAGGED SCALE INHIBITING POLYMERS, COMPOSITIONS COMPRISING THE SAME, AND METHOD FOR PREVENTING OR CONTROLLING SCALE FORMATION

(57) Abstract: The invention relates to tagged scale-inhibiting polymers, to compositions comprising said polymers, and to a method for preventing or controlling scale formation in systems comprising said fluids. The tagging units are units deriving from a monomer having formula  $X_2C=CY Y'$ , wherein X, which is identical or different, is a hydrogen atom, or a  $C_1$ - $C_4$  alkyl group, Y is a hydrogen atom or a  $C_1$ - $C_4$  alkyl group, Y' is a group having formula -L-Arom, wherein L is a covalent bond or a divalent organic linking group optionally comprising heteroatoms, and Arom is a group comprising at least two conjugated aromatic rings, preferably at least three, said rings comprising conjugated carbon atoms, and, linked to said carbon atoms, hydrogen atoms or substituents.

WO 2005/000747 A2